Seyfi Åevik

List of Publications by Year
in descending order

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48	1,775	270111	312153
papers	citations	25	41
		h-index	g-index

48	48	48	1306
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of optimum tilt angle of the solar collector and evaluation of the position of the existing buildings in terms of solar potential. Architectural Engineering and Design Management, 2022, 18, 812-828.	1.2	2
2	Performance enhancing and improvement studies in a 600ÂkW solar photovoltaic (PV) power plant; manual and natural cleaning, rainwater harvesting and the snow load removal on the PV arrays. Renewable Energy, 2022, 181, 490-503.	4.3	34
3	Experimental investigation of relative roughness height effect in solar air collector with convex dimples. Renewable Energy, 2022, 194, 100-116.	4.3	11
4	Techno-economic evaluation of a grid-connected PV-trigeneration-hydrogen production hybrid system on a university campus. International Journal of Hydrogen Energy, 2022, 47, 23935-23956.	3.8	34
5	Heat transfer enhancement by a sinusoidal wavy plate having punched triangular vortex generators. International Journal of Thermal Sciences, 2022, 181, 107769.	2.6	7
6	Effect of channel and fin geometries on a trapeze plate-fin heat sink performance. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2021, 235, 1326-1336.	1.4	5
7	Experimental investigation of a novel thermal energy storage unit in the heat pump system. Journal of Cleaner Production, 2021, 311, 127607.	4.6	20
8	Infrared convective drying of walnut with energy-exergy perspective. Journal of Food Engineering, 2021, 306, 110638.	2.7	17
9	Experimental and numerical investigation on the thermal performance of linear LED housings under forced convection. International Communications in Heat and Mass Transfer, 2021, 128, 105616.	2.9	1
10	Experimental and numerical analysis of the splay impact on the performance of splayed cross-cut fin heat sink. International Journal of Thermal Sciences, 2021, 170, 107101.	2.6	12
11	Experimental performance analysis of sensible heat storage in solar air collector with cherry pits/powder under the natural convection. Solar Energy, 2020, 200, 2-9.	2.9	17
12	Evaluation of comparative combustion, performance, and emission of soybean-based alternative biodiesel fuel blends in a CI engine. Renewable Energy, 2020, 148, 1065-1073.	4.3	50
13	Analysis of intermittent infrared drying using heat recovery with a novel control methodology. Journal of Food Process Engineering, 2020, 43, e13491.	1.5	3
14	4E analysis of infrared-convective dryer powered solar photovoltaic thermal collector. Solar Energy, 2020, 208, 46-57.	2.9	41
15	Performance analysis of infrared film drying of grape pomace using energy and exergy methodology. International Communications in Heat and Mass Transfer, 2020, 118, 104827.	2.9	12
16	Performance analyses of sustainable PV/T assisted heat pump drying system. Solar Energy, 2020, 199, 657-672.	2.9	54
17	Enhancing the thermal performance of a solar air heater by using single-pass semi-flexible foil ducts. Applied Thermal Engineering, 2020, 179, 115746.	3.0	18
18	Thermal performance analysis of a novel linear LED housing with inner and outer fins. International Communications in Heat and Mass Transfer, 2020, 119, 104970.	2.9	10

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19	BalÄ±n KurutulmasÄ± iÃ§in Enerji Verimli ve Hijyenik Yeni Bir Sistem TasarÄ±mÄ±. Journal of Polytechnic, 2020, 23, 713-719.	0.4	2
20	Performance analysis of solar and solar-infrared dryer of mint and apple slices using energy-exergy methodology. Solar Energy, 2019, 180, 537-549.	2.9	86
21	Comparative energy and exergy performance investigation of forced convection solar air collectors with cherry stone/powder. Renewable Energy, 2019, 143, 34-46.	4.3	18
22	Experimental analysis of solar air collector with PCM-honeycomb combination under the natural convection. Solar Energy Materials and Solar Cells, 2019, 195, 299-308.	3.0	73
23	A comparative investigation of the effect of honeycomb core on the latent heat storage with PCM in solar air heater. Applied Thermal Engineering, 2019, 148, 684-693.	3.0	89
24	Heat pump drying of grape pomace: Performance and product quality analysis. Drying Technology, 2019, 37, 1766-1779.	1.7	35
25	Thermal performance of flexible air duct using a new absorber construction in a solar air collector. Applied Thermal Engineering, 2019, 146, 123-134.	3.0	28
26	Drying of grape pomace with a double pass solar collector. Drying Technology, 2019, 37, 105-117.	1.7	18
27	Determination of drying kinetics and quality parameters of grape pomace dried with a heat pump dryer. Food Chemistry, 2018, 260, 152-159.	4.2	82
28	Modeling of a convective-infrared kiwifruit drying process. International Journal of Hydrogen Energy, 2017, 42, 18005-18013.	3.8	56
29	Analysis of a new drying chamber for heat pump mint leaves dryer. International Journal of Hydrogen Energy, 2017, 42, 18034-18044.	3.8	51
30	Performance analysis of heat pump and infraredâ€“heat pump drying of grated carrot using energy-exergy methodology. Energy Conversion and Management, 2017, 132, 327-338.	4.4	97
31	Energy, exergy, economic and environmental (4E) analyses of flat-plate and V-groove solar air collectors based on aluminium and copper. Solar Energy, 2017, 158, 259-277.	2.9	123
32	Experimental analysis and CFD simulation of infrared apricot dryer with heat recovery. Drying Technology, 2017, 35, 766-783.	1.7	25
33	Analysis of drying of melon in a solar-heat recovery assisted infrared dryer. Solar Energy, 2016, 137, 500-515.	2.9	58
34	Development of heat pump and infrared-convective dryer and performance analysis for stale bread drying. Energy Conversion and Management, 2016, 113, 82-94.	4.4	40
35	Determination of Solar Collector Optimum Tilt Angle for Ankara and Districts. UludaÄŸ University Journal of the Faculty of Engineering, 2016, 21, 63.	0.2	7
36	Performance analysis and modeling of a closed-loop heat pump dryer for bay leaves using artificial neural network. Applied Thermal Engineering, 2015, 87, 714-723.	3.0	43

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37	An analysis of the current and future use of natural gas-fired power plants in meeting electricity energy needs: The case of Turkey. Renewable and Sustainable Energy Reviews, 2015, 52, 572-586.	8.2	27
38	Testing of a Condensation-type Heat Pump System for Low-temperature Drying Applications. International Journal of Food Engineering, 2014, 10, 521-531.	0.7	13
39	Experimental investigation of a new design solar-heat pump dryer under the different climatic conditions and drying behavior of selected products. Solar Energy, 2014, 105, 190-205.	2.9	84
40	GÃ¼neÅŸ destekli Ä±sÄ± pompalÄ± bir kurutucuda mantarÄ±n kuruma davranÄ±ÅŸlarÄ±nÄ±n yapay sinir aÄŸÄ± kullanÄ±larak modellenmesi. Tarim Bilimleri Dergisi, 2014, 20, 187-202.	0.4	1
41	Mushroom drying with solar assisted heat pump system. Energy Conversion and Management, 2013, 72, 171-178.	4.4	91
42	Design, experimental investigation and analysis of a solar drying system. Energy Conversion and Management, 2013, 68, 227-234.	4.4	64
43	Energy analysis of hazelnut drying system-assisted heat pump. International Journal of Energy Research, 2008, 32, 971-979.	2.2	9
44	Modeling of a hazelnut dryer assisted heat pump by using artificial neural networks. Applied Energy, 2008, 85, 841-854.	5.1	36
45	Energy and exergy analysis of timber dryer assisted heat pump. Applied Thermal Engineering, 2007, 27, 216-222.	3.0	71
46	Mathematical modeling of drying characteristics of tropical fruits. Applied Thermal Engineering, 2007, 27, 1931-1936.	3.0	95
47	Ä°l BazÄ±nda Enerji Dengesi Analizi: KarabÃ¼k Ã–rneÄŸi. Gazi Ãœniversitesi Fen Bilimleri Dergisi, 0, , 71-85.	0.2	5
48	Numerical investigation of the effect of different heat sink fin structures on the thermal performance of automotive LED headlights. International Journal of Automotive Science and Technology, 0, , .	0.5	0